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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

ZHANG-SUN et al.

Serial No.: 10/075,542

Filed: 15 FEBRUARY 2002

FOR: MATRIX STABILIZED ENZYME
CRYSTALS AND METHODS OF USE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Group Art Unit: 1651

Examiner: D. NAFF

Atty. Dkt. No. 104385.145 US1

RESPONSE AND AMENDMENT UNDER 37 C.F.R. §1.121 AND
PETITION FOR EXTENSION OF TIME UNDER 37 C.F.R. §1.136

This Amendment is responsive to the Office Action dated October 14, 2003, for which a response is due on or before February 14, 2004. Applicants petition for a one month extension of time, extending the time for responding to the Office Action from January 14, 2004 to February 14, 2004. The Commissioner is authorized to charge the necessary fee for extending the time period to reply by one month to Deposit Account No. 08-0219 to maintain the pendency of this application.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 7 of this paper.

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cross-linking enzyme crystals using an amount of glutaraldehyde in a range of about 0.1 to about 0.2%. From the foregoing remarks, the combination of Margolin '606 and Mucke does not teach or suggest cross-linking the reactive moieties on the polymer with a multi-functional cross-linking agent, effective to form a cross-linked, net-like polymer structure to adhere to the crystal layer of the crystalline enzyme. The disclosures of Eigtved and Margolin '475 do not cure this deficiency. Applicants respectfully request that the rejection of claims 24 and 25 under 35 USC 103(a) over Margolin '606 in view of Mucke, Eigtved, and Margolin '475 be withdrawn.

V. CONCLUSION

In view of the foregoing remarks, Applicants believe that the application is in condition for allowance. However, if the Examiner disagrees, he is encouraged to call the undersigned at the number listed below in order to expedite the prosecution of this application.

Respectfully submitted,



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